Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 28 Apr 2021 until 23:59 on Thursday 29 Apr 2021

Forecast Issued on Tuesday 27 Apr 2021 at 16:51

Confidence: High for overall theme, low for timing and details of showers.

Headline for Wednesday 28 Apr 2021: A damp, overcast start, becoming dry and bright with a fresh breeze.

Mountain weather hazards on Wednesday 28 Apr 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Dull	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
40%	40%	20%	20%	20%	00%	00%	00%

Forecast for Wednesday 28 Apr 2021

Weather: Widespread low cloud across the hills early in the morning with rain and drizzle moving south allowing sunny intervals to develop. Becoming dry for the rest of the day but still feeling cold in the wind. Into the evening, cloud dissipating across the area to leave a clear but cold night.

Chance of cloud free mountain/hill tops above 600m: 30% increasing to 100% by late morning as the cloud lifts.

Visibility: Very poor in rain and low cloud, 500-600m, improving to good visibility everywhere by late morning.

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Mountain Weather Forecast

Forecast for Wednesday 28 Apr 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 E	21/27 NE	22/29 NE	24/33 NE	24/34 NE	23/32 NE	21/30 NE	18/26 NE	17/25 NE
300	16/24 NE	14/22 NE	17/26 NE	22/32 NE	23/34 NE	20/31 NE	16/26 NE	15/24 NE	13/22 NE
Valley	12/26 E	10/23 NE	13/27 NE	17/33 NE	18/36 NE	16/31 NE	13/27 NE	11/24 NE	11/24 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-5	2/-5	2/-5	3/-4	3/-3	4/-2	3/-3	1/-5	-0/-6
300	4/-1	4/-1	4/-1	6/0	6/1	7/2	6/2	4/-1	2/-2
Valley	4/0	4/1	5/1	7/3	8/4	8/4	7/4	5/1	3/-1
Freezing Level*	800m	800m	900m	900m	900m	800m	700m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions across the summits at the start of the day with poor visibility, but this will improve quickly during the morning. A strong north easterly wind will make it feel cold across the area during the day, this will be particularly noticeable on the summits and exposed eastward facing slopes.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 27 Apr 2021	0mm	0mm	0mm

Forecast for Thursday 29 Apr 2021

Weather: A cold and frosty start with mainly clear skies. Cloud increasing during the morning with showers developing towards the north east at first, then moving across the area during the day. These showers may briefly turn wintry over the summits, but changing to rain by the afternoon.

Maximum wind: Northeasterly 15mph gusting 20-25mph.

Chance of cloud free mountain/hill tops above 600m: 80-90%.

Visibility: Poor over hill tops at first with low cloud. Very good visibility during the day, briefly deteriorating to moderate in showers.

Temperature: **Valleys:** Minus 1 Celsius increasing to Plus 8 Celsius
At 600m: Zero increasing to Plus 3 Celsius
Freezing level: 600m, rising just above summits during the day. Lowering to 400m overnight

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